

In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (cancelled).

2. (cancelled).

3. (cancelled).

4. (cancelled).

5. (cancelled).

6. (cancelled).

7. (original) An electronic device having an illumination circuit, comprising:

a first load, wherein a current flowing on the first load is reduced as time increased;

an AC driving unit for generating an AC current to drive the first load;

a current transformer having a primary winding and a secondary winding, wherein the primary winding is coupled between the first load and the AC driving unit, such that the secondary winding generates an induced current;

a second load having an illumination function, wherein brightness of the second load is changed according to an AC driving voltage and wherein the brightness of the second load corresponds to an operating duration of the first load; and

a transformation device, connected with the secondary winding and the second load in parallel, for transforming the induced current to the AC driving voltage to drive the second load.

8. (original) The electronic device as claimed in Claim 7, wherein a coil number of the primary winding is smaller than a coil number of the secondary winding.

9. (original) The electronic device as claimed in claim 7, wherein the transformation device comprises an impedance.

10. (original) The electronic device as claimed in claim 9, wherein the transformation device further comprises a low-pass filter.

11. (original) The electronic device as claimed in claim 7, wherein the electronic device is a video projector.

12. (original) The electronic device as claimed in claim 7, wherein the first load is an AC lamp.

13. (original) The electronic device as claimed in claim 7, wherein the second load is an electroluminescent lam.

14. (original) An electronic device having an illumination circuit, comprising:

a first load;

an AC driving unit for generating an AC current to drive the first load;

a current transformer having a primary winding and a secondary winding, wherein the primary winding is connected with the first load in parallel and coupled to the AC driving unit such that the secondary winding generates an induced current;

a second load having an illumination function; and

a transformation device coupled to the secondary winding and second load for transforming the induced current to the AC driving voltage to drive the second load.

15. (original) The electronic device as claimed in claim 14, wherein a current flowing on the first load becomes smaller and brightness of the second load is reduced over time.

16. (original) The electronic device as claimed in claim 14, wherein the electronic device is a video projector.

17. (original) The electronic device as claimed in claim 14, wherein the first load is an AC lamp.

18. (original) The electronic device as claimed in claim 14, wherein the second load is an electroluminescent lamp.

19. (original) The electronic device as claimed in claim 14, wherein a coil number of the primary winding is smaller than a coil number of the secondary winding.